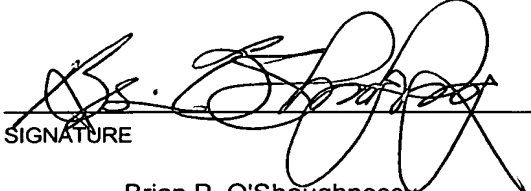


Substitute for Form PTO-1390		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 031210-039	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	
				10/530748	
INTERNATIONAL APPLICATION NO. US2003/031759		INTERNATIONAL FILING DATE October 7, 2003		PRIORITY DATE CLAIMED October 8, 2002	
TITLE OF INVENTION METHOD FOR ENRICHING ADHERENT MONOCYTE POPULATIONS					
APPLICANT(S) FOR DO/EO/US Stephen J. WAGNER, Andrew MYRUP and Christina M. CELLUZZI					
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission to items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> has been communicated by the International Bureau. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 21 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Other items or information: <u>Application Data Sheet</u> 					

U.S. APPLICATION NO. 107530748		INTERNATIONAL APPLICATION NO. US2003/031759		ATTORNEY'S DOCKET NUMBER 031210-039		
21. <input checked="" type="checkbox"/> Applicant(s) requests that the published application include the following assignment information: <u>American National Red Cross, Rockville, MD 20855 (US)</u> _____ _____ _____ _____ _____				CALCULATIONS PTO USE ONLY		
22. <input checked="" type="checkbox"/> The following fees are submitted:						
Basic Filing Fee (1631)				\$ 300.00		
Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30						
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$		
Total Claims	11	-20 = 0	x \$50.00 (1615)	\$ 0.00		
Independent Claims	2	-3 = 0	x \$200.00 (1614)	\$ 0.00		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00 (1616)			
Examination Fee			+ \$200.00 (1633)	\$ 200.00		
Search Fee			+ \$500.00 (1632)	\$ 500.00		
App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)						
TOTAL OF ABOVE CALCULATIONS				\$ 1,000.00		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				+ \$ 500.00		
SUBTOTAL =				\$ 500.00		
Processing fee of \$130.00 (1618) for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30				\$ 0.00		
TOTAL NATIONAL FEE =				\$ 500.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (8021) per property +						
TOTAL FEES ENCLOSED =				\$ 500.00		
				Amount to be refunded :		
				charged :		
a. <input checked="" type="checkbox"/> A check in the amount of <u>\$ 500.00</u> to cover the above fees is enclosed.						
b. <input type="checkbox"/> Please charge my Deposit Account No. <u>02-4800</u> in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.						
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-4800</u> . A duplicate copy of this sheet is enclosed.						
d. <input type="checkbox"/> Charge _____ to credit card. Form PTO-2038 is attached.						
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.						
SEND ALL CORRESPONDENCE TO: Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620						
				 SIGNATURE		
				Brian P. O'Shaughnessy NAME		
				<u>32,747</u> REGISTRATION NO.	<u>April 8, 2005</u> DATE	